

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 114596-29-0125BS		SERIAL NO. 09/672,440	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT Ronak PATEL, et al.			
				FILING DATE September 28, 2000		GROUP ART UNIT 2183	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EC		3,544,969	12/01/1970	Rakoczi	340	172.5	Nov. 27, 1967
		3,781,823	12/25/1973	Senese	340	172.5	July 28, 1972
		4,084,235	04/11/1978	Hirtle	364	200	Apr. 14, 1975
		4,412,303	10/25/1983	Barnes	712	16	Oct. 25, 1983
		4,455,602	06/19/1984	Baxter	364	200	May 22, 1981
		4,514,803	04/30/1985	Agnew	364	200	Apr. 26 1982
		4,575,797	03/11/1986	Gruner	364	200	May 22, 1981
		4,636,940	01/1987	Goodwin	717	128	Dec. 20, 1985
		4,750,112	06/07/1988	Jones	364	200	Feb. 10, 1984
		4,779,187	10/18/1988	Letwin	712	229	Apr. 10, 1985
		4,812,975	03/14/1989	Adachi	364	300	Jul. 11, 1984
		5,115,500	05/19/1992	Larsen	711	202	Jan. 11, 1988
		5,127,092	06/30/1992	Gupta	712	234	Jun. 15, 1989
		5,155,835	10/13/1992	Belsan	711	114	Nov. 19, 1990
		5,168,557	12/01/1992	Shibuya	712	207	Sep. 21, 1989
		5,241,664	08/31/1993	Ohba	711	121	Jan. 7, 1991
		5,241,638	08/31/1993	Mork	711	207	Aug. 12, 1995
		5,301,287	04/05/1994	Herrell	711	202	Feb. 16, 1993
		5,307,504	04/26/1994	Robinson	395	800	Mar. 7, 1991
		5,335,331	08/02/1994	Murao	712	203	Jul. 12, 1991
		5,339,422	8/16/1994	Brender	714	4	Mar. 7, 1991
		5,355,487	11/11/1994	Keller	717	127	Jul. 23, 1993
		5,361,340	11/01/1994	Kelly	711	3	Mar. 9, 1993
		5,386,563	01/31/1995	Thomas	712	228	Oct. 13, 1992
		5,404,476	04/04/1995	Kadaira	711	207	Mar. 9, 1993
		5,432,795	07/11/1995	Robinson	371	19	May 15, 1991
		5,454,117	09/26/1995	Puziol	395	800	Aug. 25, 1993
		5,479,616	12/26/1995	Garibay	712	212	Apr. 3, 1992
		5,481,684	01/02/1996	Richter	712	212	Jul. 20 1994
		5,481,693	01/02/1996	Blomgren	712	225	Jul. 20, 1994
		5,483,647	01/09/1996	Yu	713	100	Dec. 17, 1992
QC		5,487,156	01/23/1996	Popsescu	712	217	Dec. 5, 1990
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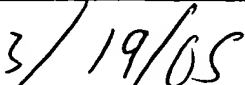
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LS	5,507,028	04/09/1996	Liu	395	375	Jan. 9, 1995	
	5,515,518	06/07/1996	Stiles	395	375	Jul. 5, 1994	
	5,542,059	07/30/1996	Blomgren	395	375	Dec. 21, 1994	
	5,542,109	07/30/1996	Blomgren	395	800	Aug. 31, 1994	
	5,560,013	09/24/1996	Scalzi	717	138	Dec. 6, 1994	
	5,568,646	10/22/1996	Jagggar	712	209	Sep. 19, 1994	
	5,574,927	11/12/1996	Scantlin	395	800	Nov. 12, 1996	
	5,574,929	11/12/1996	Pieterse	712	30	Jun. 30, 1994	
	5,590,309	12/31/1996	Chencinski	395	472	Apr. 1, 1994	
	5,598,546	01/28/1997	Blomgren	712	209	Aug. 31, 1994	
	5,608,886	03/04/1997	Blomgren	395	586	Aug. 31, 1994	
	5,613,118	03/18/1997	Heisch	395	709	Jun. 20, 1994	
	5,619,666	04/08/1997	Coon	712	209	Jun. 2, 1995	
	5,628,016	05/06/1997	Kukol	717	140	June 15, 1994	
	5,636,366	06/03/1997	Robinson	395	490	Oct. 30, 1995	
	5,657,474	08/12/1997	Taine	711	163	Nov. 20, 1995	
	5,659,782	08/19/1997	Senter	712	23	Sep. 16, 1994	
	5,673,407	09/30/1997	Poland	395	375	Mar. 8, 1994	
	5,678,032	10/14/1997	Woods	395	500	Sept. 6, 1995	
	5,685,009	11/04/1997	Blomgren	395	800	Nov. 29, 1995	
	5,715,421	02/03/1998	Akiyama	711	213	Oct. 16, 1992	
	5,721,927	02/24/1998	Baraz	395	705	Aug. 7, 1996	
	5,732,238	03/24/1998	Sarkozy	711	135	Jun. 12, 1996	
	5,742,780	04/21/1988	Caulk	395	382	Jan. 16, 1997	
	5,751,982	05/12/1998	Morley	395	800	Mar. 31, 1995	
	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996	
	5,764,947	06/09/1998	Murphy	703	20	Mar. 2, 1994	
	5,768,500	6/16/1998	Agrawal	714	47	Jun. 20, 1994	
	5,774,287	06/30/1998	Leonhardt	710	33	Dec. 9, 1994	
	5,781,750	07/14/1998	Blomgren	395	500	Jan 11, 1994	
	5,781,758	07/14/1998	Morley	395	500	Mar. 23, 1995	
ES	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996	
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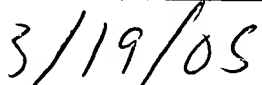
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EC		5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996
		5,790,824	08/04/1998	Asghar	395	385	Mar. 18, 1996
		5,794,068	08/11/1998	Asghar	395	800.35	Mar. 18, 1996
		5,796,939	08/18/1998	Berc	395	184.01	Mar. 10, 1997
		5,802,272	09/01/1998	Sites	395	183.21	Dec. 19, 1994
		5,802,337	09/01/1998	Fielden	712	216	Dec. 29, 1995
		5,802,373	09/01/1998	Yates	717	139	Jan. 29, 1996
		5,805,877	09/08/1998	Black	395	586	Sep. 23, 1996
		5,812,864	09/22/1998	McCoy	703	26	Dec. 6, 1995
		5,815,720	9/29/1998	Buzbee	717	158	Mar. 15, 1996
		5,819,064	10/06/1998	Razdan	703	27	Nov. 8, 1995
		5,822,578	10/13/1998	Frank	395	591	June 5, 1995
		5,832,205	11/03/1998	Kelly	395	185.06	Aug. 20, 1996
		5,838,962	11/17/1998	Larson	395	586	Apr. 9, 1997
		5,838,978	11/17/1998	Buzbee	395	705	Oct. 9, 1996
		5,842,017	11/24/1998	Hookway	395	707	Jan. 29, 1996
		5,847,955	12/08/1998	Mitchell	700	86	Jun. 23, 1997
		5,854,913	12/29/1998	Goetz	712	210	Jun. 10, 1997
		5,864,697	01/26/1999	Shiell	712	240	Jun. 27, 1997
		5,870,763	02/09/1999	Lomet	707	202	Mar. 10, 1997
		5,884,057	03/16/1999	Blomgren	395	375	May 8, 1995
		5,901,308	05/04/1999	Cohn	712	244	Mar. 18, 1996
		5,903,750	05/11/1999	Yeh	712	236	Nov. 20, 1996
		5,903,751	05/11/1999	Hoyt	395	585	Sep. 16, 1997
		5,905,855	05/18/1999	Klaiber	395	183.07	Feb. 28, 1997
		5,911,073	06/08/1999	Mattson	395	701	Dec. 23, 1997
		5,920,721	07/06/1999	Hunter	395	705	Jun. 11, 1997
		5,930,509	07/27/1999	Yates	395	707	Jan. 29, 1996
		5,935,220	08/10/1999	Lumpkin	710	5	Aug. 9, 1996
		5,941,827	02/1996	Holtey	711	163	Jan. 14, 1994
		5,949,415	09/07/1999	Lin	345	335	Jun. 16, 1997
EC		5,958,047	09/28/1999	Panwar	712	237	Jun. 25, 1997
EXAMINER <i>Eui BL</i>				DATE CONSIDERED <i>3/19/05</i>			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EC		5,958,061	09/28/1999	Kelly	714	1	Jul. 24, 1996
		5,960,198	09/28/1999	Roediger	717	130	Mar. 19, 1997
		5,966,537	10/1999	Ravichandran	717	158	
		5,968,162	10/19/1999	Yard	712	203	Apr. 2, 1996
		5,983,335	11/09/1999	Dwyer	712	23	Apr. 30, 1997
		5,999,736	12/07/1999	Gupta	717	158	May 9, 1997
		6,000,028	12/07/1999	Chernoff	712	226	Jan. 29, 1996
		6,002,872	12/14/1999	Alexander	717	127	Mar. 31, 1998
		6,003,038	12/14/1999	Chen	707	103R	March 31, 1997
		6,005,551	12/21/1999	Osborne	345	161	Apr. 25, 1997
		6,006,029	12/21/1999	Bianchi	395	500.45	Sept. 28, 1993
		6,006,033	12/21/1999	Heisch	717	158	Aug. 15, 1994
		6,006,277	12/21/1999	Talati	709	313	Jan. 26, 1996
		6,011,908	01/04/2000	Wing	395	182.17	Dec. 23, 1996
		6,014,735	01/11/2000	Chennupaty	712	210	Mar. 31, 1998
		6,021,265	02/01/2000	Nevill	712	209	Apr. 14, 1997
		6,021,484	02/01/2000	Park	712	41	Nov. 14, 1997
		6,021,489	02/01/2000	Poplingher	712	239	Jun. 30, 1997
		6,026,478	02/15/2000	Dowling	712	24	Dec. 23, 1997
		6,029,004	02/22/2000	Bortnikov	717	158	Mar. 17, 1997
		6,029,222	02/22/2000	Kamiya	710	262	Jan. 10, 1997
		6,031,992	02/29/2000	Cmelik	395	705	Jul. 5, 1996
		6,032,247	02/29/2000	Asghar	712	35	Nov. 14, 1997
		6,035,393	03/07/2000	Glew	712	237	May 7, 1998
		6,044,220	03/28/2000	Breternitz	717	139	Feb. 25, 1997
		6,044,221	03/28/2000	Gupta	717	151	May 9, 1997
		6,047,363	04/2000	Lewchuk	711	213	Oct. 14, 1997
		6,047,390	04/2000	Butt	714	43	
		6,052,771	4/18/2000	Heller	712	34	Jan. 20, 1998
		6,070,009	05/30/2000	Dean	717	130	Nov. 26, 1997
		6,071,317	06/2000	Nagel	717	128	
EC		6,076,144	6/13/2000	Peled	711	125	Dec. 1, 1997
EXAMINER <i>Eui Loh</i>				DATE CONSIDERED <i>3/19/05</i>			

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EC	6,081,665	06/27/2000	Nilsen	717	116	Dec. 19, 1997	
	6,081,890	06/27/2000	Datta	713	1	Nov. 30, 1998	
	6,091,897	07/18/2000	Yates	395	708	Jan. 29, 1996	
	6,092,188	07/18/2000	Corwin	712	239	Jul. 7, 1999	
	6,115,809	09/05/2000	Mattson	712	239	Apr. 30, 1998	
	6,119,204	9/12/2000	Chang	711	141	Jun. 30, 1998	
	6,141,683	10/31/2000	Kraml	709	220	Jan. 30, 1998	
	6,154,857	11/28/2000	Mann	714	30	Dec. 17, 1997	
	6,157,970	12/05/2000	Gafken	710	27	Sep. 24, 1997	
	6,163,764	12/19/2000	Dulong	717	138	Oct. 12, 1998	
	6,175,957	01/16/2001	Ju	717	156	Dec. 9, 1997	
	6,195,748	02/27/2001	Chrysos	712	227	Nov. 26, 1997	
	6,202,205	03/13/2001	Saboff	717	9	Jul. 21, 1998	
	6,205,545	03/20/2001	Shah	712	237	Apr. 30, 1998	
	6,212,493	04/03/2001	Huggins	703	22	Dec. 1, 1998	
	6,219,774	04/17/2001	Hammond	711	202	Mar. 25, 1998	
	6,226,789	05/01/2001	Tye	717	138	Jan. 29, 1996	
	6,233,678	05/15/2001	Bala	712	240	Nov. 5, 1998	
	6,237,073	05/22/2001	Dean	711	202	Nov. 26, 1997	
	6,237,074	05/22/2001	Phillips	711	213	May 26, 1995	
	6,240,526	05/29/2001	Petivan	714	11	Oct. 27, 1999	
	6,243,804	06/05/2001	Cheng	712	228	Jul. 22, 1998	
	6,253,215	06/26/2001	Agesen	707	206	Aug. 17, 1998	
	6,256,728	07/03/2001	Witt	712	236	Jul. 6, 1998	
	6,260,191	07/10/2001	Santhanam	717	9	Apr. 7, 1997	
	6,295,644	09/25/2001	Hsu	717	9	Aug. 17, 1999	
	6,298,477	10/02/2001	Kessler	717	145	Oct. 30, 1998	
	6,304,948	10/16/2001	Motoyama	711	162	Oct. 6, 1998	
	6,308,318	10/23/2001	Krishnaswamy	717	139	Oct. 7, 1998	
	6,308,321	10/23/2001	Schooler	717	132	Dec. 11, 1998	
	6,336,135	01/01/2002	Niblett	709	215	Nov. 19, 1998	
EC	6,351,784	02/26/2002	Neal	710	308	Dec. 28, 1998	
EXAMINER			DATE CONSIDERED				
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EC		6,351,844	2/26/2002	Bala	717	128	Nov. 5, 1998
		6,353,924	03/05/2002	Ayers	717	128	Feb. 8, 1999
		6,363,336	03/26/2002	Banning	703	26	Oct. 13, 1999
		6,374,367	03/26/2002	Dean	714	37	Nov. 26, 1997
		6,374,369	04/16/2002	O'Donnell	714	38	May 21, 1999
		6,381,628	04/30/2002	Hunt	709	201	Nov. 20, 1998
		6,381,735	04/30/2002	Hunt	717	158	Nov. 20, 1998
		6,397,379	05/28/2002	Yates	717	140	Oct. 28, 1999
		6,405,327	06/11/2002	Sipple	714	39	Aug. 19, 1998
		6,453,292	09/17/2002	Ramaswamy	704	235	Oct. 28, 1998
		6,463,582	10/08/2002	Lethin	717	158	Oct. 21, 1998
		6,470,442	10/22/2002	Arimilli	712	32	Jul. 30, 1999
		6,470,492	10/22/2002	Bala	717	128	May 14, 1999
		6,473,846	10/29/2002	Melchior	711	170	Jun. 16, 2000
		6,477,683	11/05/2002	Killian	716	1	Feb. 5, 1999
		6,480,862	11/12/2002	Gall	707	3	Apr. 23, 1999
		6,496,922	12/17/2002	Borrill	712	209	Oct. 31, 1994
		6,496,923	12/17/2002	Gruner	712	213	Dec. 17, 1999
		6,549,930	04/15/2003	Chrysos	709	104	Nov. 26, 1997
		6,557,094	04/29/2003	Pechanek	712	209	Sep. 28, 2001
		6,560,693	05/06/2003	Puzak	712	207	Dec. 10, 1999
		6,571,331	05/27/2003	Henry	712	239	Apr. 3, 2001
		6,591,414	07/08/2003	Hibi	717	151	Oct. 3, 1997
		6,631,514	10/07/2003	Le	717	137	
		6,631,518	10/07/2003	Bortnikov	717	158	Mar. 19, 1997
EC		6,678,820	01/2004	Kahle	712	239	Mar. 30, 2000
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
EC		EP 0 324 308 Larsen	07/19/1989	EPO	G06F	9/30	
EC		WO 96/24895 Hammond	08/15/1996	PCT/US	G06F	9/22	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
cc		WO 97/50031 Farber	12/31/1997	PCT/US	G06F	9/455	
		WO 98/13740 Wing	04/02/1998	PCT/US	G06F		
		WO 98/38575 Klaiber	09/03/1998	PCT/US	G06F	11/00	
		WO 98/59292 Cmelik	12/30/1998	PCT/US	G06F	9/45	
		WO 99/08188 Kelly	02/18/1999	PCT/US	G06F	11/00	
cc		WO 99/08191 Kelly	02/18/1999	PCT/US	G06F	12/00	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)</b>							
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		Burroughs, Preliminary Edition, B 1700 Systems Reference Manual, Burroughs Corporation (1972)					
		Burroughs, B 1700 Systems Micro Implementation Language (MIL) Reference Manual, Burroughs Corporation (1973)					
		Brad Calder, Peter Feller, Alan Eustace, Value Profiling, Proceedings of 30th International Symposium on Microarchitecture (Micro-30), IEEE, pages 259-269 (December 1-3, 1997)					
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		Compaq Computer Corp., Compiler Writer's Guide for the Alpha 21264 (1999) //ftp.digital.com/pub/Digital/info/semiconductor/literature/cmpwrgd.pdf					
		T.M. Conte, et al., "Accurate and practical profile-driven compilation using the profile buffer," Proceedings of the 29 <sup>th</sup> Annual International Symposium on Microarchitecture, Paris, France, pp. 36-45 (Dec. 1996)					
		T.M. Conte, et al., "Hardware based profiling: An effective technique for profile-driven optimization," International Journal of Parallel Programming, vol. 24, no. 2 (Feb. 1996)					
		T.M. Conte, et al., "Using branch handling hardware to support profile-driven optimization," Proceedings of the 27 <sup>th</sup> Annual International Symposium on Microarchitecture San Jose, CA (Dec. 1994)					
		J.S. Cox et al., "Commercializing profile-driven optimization." Proceedings of the 28 <sup>th</sup> Hawaii International Conference on System Sciences, vol. 1 Maui, HI, pp. 221-228 (Jan. 1995)					
cc		Dean, ProfileMe: Hardware Support for Instruction-Level Profiling on Out-of-Order Processors," Proceedings of 30th Annual Intl. IEEE/ACM Symp. on Microarchitecture, pp. 292-302 (Dec. 1997)					
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66				Digital Equipment Corp., White Paper: How DIGITAL FX!32 Works (September 1997) <a href="http://www.digital.com/semiconductor/amt/fx32/fx-white.htm">http://www.digital.com/semiconductor/amt/fx32/fx-white.htm</a>	
				Ebcioglu and Altman, IBM Research Report, DAISY: Dynamic Compilation for 100% Architectural Compatibility, IBM Research Division (1996)	
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